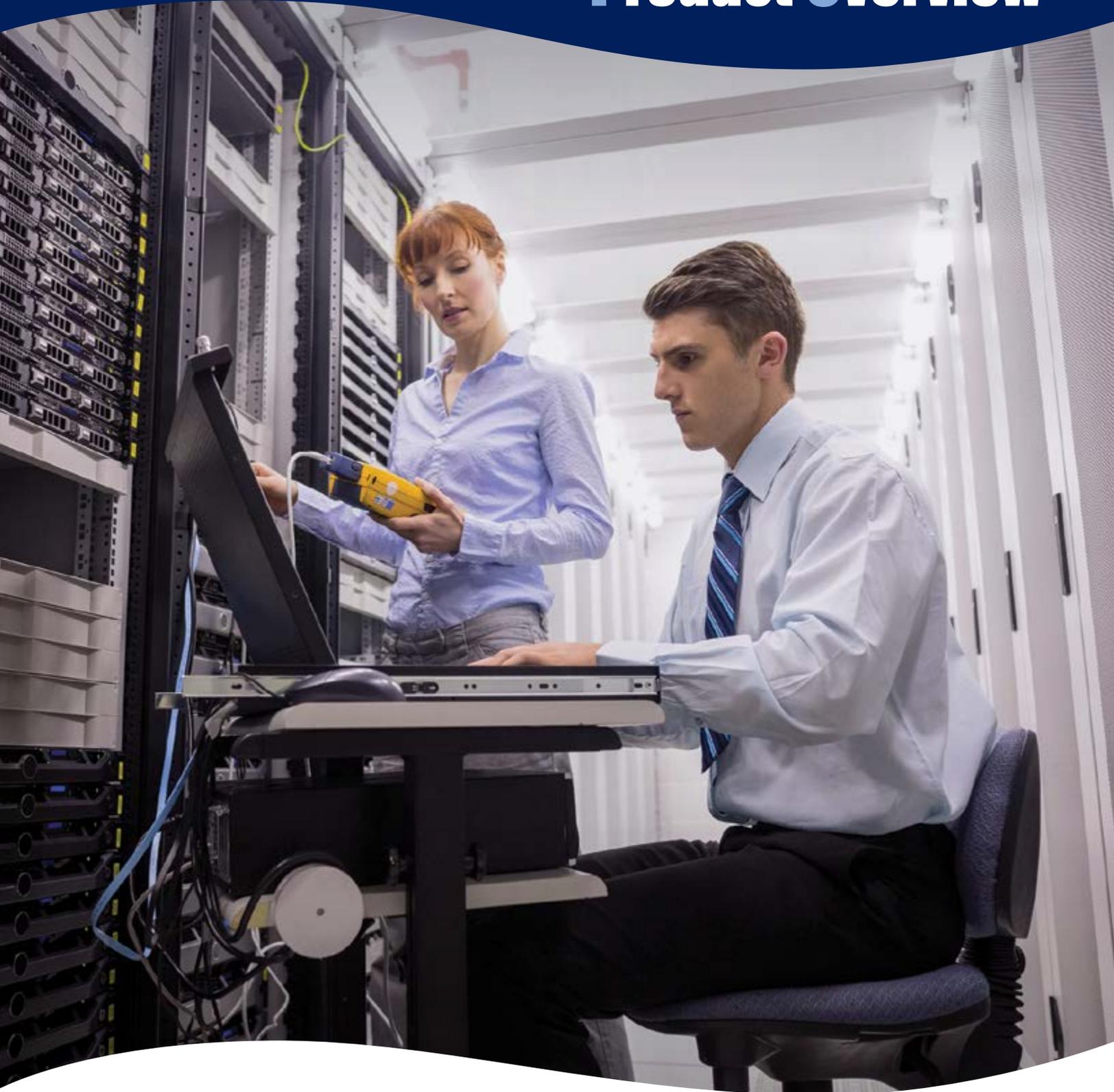


2016 **Product Overview**





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MEMORY PRODUCTS

DDR4 Memory	18
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Green Memory	20

* Patent # - USA (Protected by U.S Patents)

DDR DIMM:

5,841,686 ; 5,982,653 ; 5,996,880 ; 6,542,393 ; 6,775,139 ; 6,993,209 ; 7,023,700 ; 7,215,551 ; 7,365,985

USB Flash Drives:

6,547,130 ; 6,854,984 ; 6,874,044 ; 6,993,618 ; 7,004,780 ; 7,004,794 ; 7,021,971 ; 7,044,802 ; 7,052,287 ; 7,073,010 ; 7,074,052 ; 7,082,056 ; 7,094,074 ; 7,095,617 ; 7,103,684 ; 7,104,848 ; 7,108,560 ; 7,125,287 ; 7,126,559 ; 7,182,646 ; 7,186,147 ; 7,235,423 ; 7,243,185 ; 7,249,978 ; 7,252,518 ; 7,257,714 ; 7,259,967 ; 7,269,004 ; 7,297,024 ; 7,318,117 ; 7,428,605 ; 7,347,736 ; 7,702,831 ; 7,873,837 ; 7,966,462 ; 8,073,985 ; 8,102,657 ; 8,297,987 ; 8,438,376 ; 8,444,423 ; 8,500,467 ; 8,567,050 ; 8,625,270

Flash Cards:

6,547,130 ; 6,874,044 ; 7,009,846 ; 7,032,827 ; 7,069,369 ; 7,082,056 ; 7,103,684 ; 7,104,807 ; 7,126,873 ; 7,173,826 ; 7,174,628 ; 7,243,185 ; 7,257,714 ; 7,296,345 ; 7,299,316

Solid State Drives:

7,243,185 ; 6,547,130 ; 6,874,044 ; 7,004,780 ; 7,082,056 ; 7,073,010 ; 7,104,807 ; 7,126,873 ; 7,130,958 ; 7,243,185 ; 7,257,714 ; 7,299,316 ; 7,318,117 ; 7,849,242 ; 7,877,542 ; 7,886,108 ; 7,934,074 ; 8,015,348 ; 8,019,943 ; 8,037,234 ; 8,180,931 ; 8,266,367 ; 8,296,467 ; 8,321,597 ; 8,341,332 ; 8,452,912 ; 8,543,742

* Taiwan Patents

094106566 ; 094113217 ; 094145032 ; 096132994 ; 096136141 ; 097108510 ; 098213787 ; 99100643 ; 099109613 ; 099118012

*China Patents:

200710154015.3 ; 200910163527.5 ; 200910165874.1 ; 201010135362.3 ; 201320265197.2

Your Source for Quality...

Flash & DRAM Products



Solid State Drives



Enterprise Solutions



Consumer



Mobile Computing



Industrial Grade



Embedded

USB 3.0 Flash Drives



Up to
Read **4041**
Write **5388**
(MB/s)

Express Dram★Disk™



Up to
Read **270**
Write **300**
(MB/s)

Express RC4



Up to
Read **240**
Write **170**
(MB/s)

SuperCrypt Pro



Up to
Read **85**
Write **40**
(MB/s)

DataGuardian



Up to
Read **72**
Write **28**
(MB/s)

USB 3.0 Pico

Memory Products



DDR4 Memory



DDR3 Desktop Memory



Network Memory



DDR3 Server Memory



Laptop Memory

Solid State Drives

Super Talent's SSDs (solid-state drives) are data storage devices that use NAND Flash memory as the storage medium. SSDs have lower power consumption, faster performance, and are lighter and less noisy compared to conventional hard disk drives.

Utilizing high density industrial grade NAND Flash chips, Super Talent now offers a variety of SSDs for ultra-rugged applications and high performance consumer and commercial use. Super Talent's SSD technology includes proprietary wear leveling algorithms and bad bit management.

- Enterprise Solutions

- Super AIC
- PCIe Nova
- TeraDrive SSD

- Consumer

- VSSD

- Mobile Computing

- mSATA SSDs
- Mini PCIe SSDs

- Automotive & Industrial Grade

- DuraDrive SSDs

- Embedded

- Flash Disk Modules
- IDE Flash Disk Modules

Solid State Drives

Enterprise Solutions

Super Talent understands what it takes to hold up under the high demands of enterprise computing. Our server memory is 100% JEDEC compliant and is fully validated on a variety of server platforms. Our enterprise class SSDs deliver fast sequential and random transfer speeds. All our server products are designed and built with uncompromising quality.

Super AIC

Super Talent's Super AIC is a Half-Height Half-Length PCIe SSD for enterprise computing where space constraints require the use of smaller sized hardware solutions. This extremely fast PCIe SSD takes advantage of the PCIe Gen3 x4 interface to boost performance and keep applications running as fast as possible.



Features

- PCIe Gen3 x 4 Interface
- Max Speed:
Read up to 2.5GB/s,
Write up to 1.2GB/s
- Capacities up to 2TB

Specification	Super AIC
Interface	PCIe Gen3 x4
Form Factor	PCIe HHHL
Capacity	120GB – 2TB
Read/Write (MB/s)	2500/1200
Dimensions (mm)	167.65 x 64.4 x 14.47
Part Number	FPGxxxPSR8

PCIe Nova

Super Talent's PCIe Nova is a choice for those wishing to push SSD performance when a PCIe solution is not feasible. The PCIe Nova drive allows for increased speeds through the SFF8639 port which provides read and writes speeds of up to 2500 and 1200 MB/s.



Features

- PCIe Gen3 x 4 Interface
- Max Speed: Read up to 2.5 GB/s,
Write up to 1.2 GB/s
- Capacities up to 2TB

Specification	PCIe Nova
Interface	PCIe Gen 3 x4
Form Factor	2.5" SFF-8639
Capacity	120GB – 2TB
Read/Write (MB/s)	2500/1200
Dimensions (mm)	69.85 x 100.0 x 9.5
Part Number	FPGxxxPS2B

Solid State Drives - Enterprise Solutions, Consumer

TeraDrive SSD

The TeraDrive line is Super Talent's enterprise offering that delivers exceptional performance using state-of-the-art algorithms and proprietary RAISE technology to increase reliability and endurance. Supporting up to 50,000 IOPS, the TeraDrive is ideal for database servers and represents the pinnacle of performance in enterprise storage.



Features

- SATA III Interface
- Protection for sudden power loss
- Enterprise data center solution

Specification	TeraNova
Interface	SATA-III
Form Factor	2.5"
Capacity	64GB – 1TB
Read/Write (MB/s)	530/450
Dimensions (mm)	69.85 x 100.0 x 9.5
Part Number	FTMxxN325H

VSSD (Consumer)

The VSSD PX1 is a SATA-III SSD from Super Talent that offers outstanding performance at a great price point. Encased in a metal enclosure and designed with extended thermal range components, the VSSD PX1 is engineered to perform exceptionally well for any applications.



Features

- SATA-III Interface
- Max Speed: Read up to 510 MB/s, Write up to 200 MB/s
- Capacities up to 240GB

Specification	VSSD PX1
Interface	SATA-III
Form Factor	2.5"
Capacity	60GB – 240GB
Read/Write (MB/s)	510/200
Dimensions (mm)	69.85 x 100.0 x 7.0
Part Number	FTMxxxPE2x

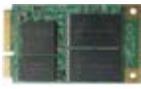


*The Broadest Portfolio
in the Industry...*

Solid State Drives - Mobile Computing

mSATA SSDs

Super Talent's JEDEC MO-300 compatible mSATA SSDs are perfect for systems with limited physical space, such as tablets - all without sacrificing performance. We also offer OEM customers the opportunity to customize the length and width of the PCB boards for their specific needs.

Specification	mSATA SJ2	mSATA mini SJ2	mSATA DX1
			
Interface	SATA-III	SATA-III	SATA-III
Form Factor	Mini PCIe	Mini PCIe	Mini PCIe
Capacities	16GB – 128GB	16GB – 64GB	16GB-128GB
Read/Write (MB/s)	300/100	300/100	480/300
Dimensions (mm)	50.8 x 29.8 x 3.5	29.85 x 26.8 x 3.5	50.8 x 29.85 x 3.5
Part Number	FM5 xxxMTRM	FM2xxxJPRx	FMxxxxJCRM

* Dimensions can be customized for OEMs.



Mini PCIe SSDs

Super Talent produces a selection of SSDs designed specifically for upgrading popular notebook models. Upgrading to an SSD provides shorter boot times, faster application loading, and less power consumptions.

Specification	SATA Mini 2 PCIe DX1	Half Mini 2 PCIe SM1	CoreStore Plus
			
Interface	SATA-III	IDE/PATA	PCIe
Form Factor	Mini PCIe	Mini PCIe	Mini PCIe
Capacity	32GB – 256GB	16GB – 128GB	16GB – 128GB
Read/Write (MB/s)	480/400	130/120	300/120
Dimensions (mm)	69.5x32.1x3.5	51.0 x 30.0 x 3.5	50.8 x 29.85 x 3.5
Part Number	FMTxxxJxRM	FERxxxMDRM	FPxxxxC2RM



Super Talent is already on the road!

- Major manufacturers have already qualified our product for their IVI (in-vehicle infotainment) systems
- Our SSDs are currently in mass production to meet your needs today

IT applications within the aerospace and automotive industries call for outstanding product quality and reliability including high resistance to shock, vibration, temperature, and moisture. Super Talent data storage solutions for these applications assure data integrity under severe environmental conditions. Super Talent products are subject to rigorous testing in our in-house facilities before shipping, resulting in highly reliable and durable devices.

All terrain means our SSDs are durable

- Rated for industrial level temperatures (-40°C to 85°C)
- Integrated SPOR (Sudden Power Off Recovery) algorithm
- Withstands vibration and shock because it has no moving parts
- Supports various form factors to fit into your vehicle or device (2.5", 1.8", mini PCIe and custom BGA)

Standard SSD options

- Built in ECC (error correcting code) for reliability
- Lasts longer using the wear leveling algorithm
- Currently supports Windows CE operating system
- Android, GENIVI and MeeGo support coming soon
- Available in MCP (multi-chip packaging) for a smaller footprint in your system

SSDs perform at highway speeds

- Uses high bandwidth connections such as SATA-III
- High read/write speeds



DuraDrive AT7

Solid State Drives

Automotive & Industrial Grade



DuraDrive SSDs

Super Talent's DuraDrive SSDs represent state-of-the-art storage solutions for industrial, medical, and embedded applications. These SSDs deliver unprecedented tolerances to vibration, shock, humidity, altitude, and temperatures while maintaining impressive speeds. Our industrial grade DuraDrive line is rigorously tested.

Specification	DuraDrive AT8	DuraDrive AT7	DuraDrive AT6	DuraNova III
				
Interface	SATA-III	SATA-III	SATA-III	SATA-III
Form Factor	2.5"	2.5"	2.5"	2.5"
Capacities	240GB – 480GB	16GB – 1TB	32GB – 256GB	64GB – 320GB
Read/Write (MB/s)	520/400	530/400	480/400	450/400
Dimensions (mm)	69.85 x 100.0 x 7.0	69.9 x 100.0 x 9.5	69.9 x 100.0 x 9.5	69.9 x 100.0 x 9.5
Part Number	FTMxxxPH2U	FTxxxxMUxx	FTxxxJxxxx	FTMxxD325x

Specification	DuraDrive AT3	DuraDrive ET3	DuraDrive ZT4	DuraDrive ZT3	DuraDrive KX4
					
Interface	SATA-II	IDE/PATA	IDE/ZIF-40	IDE/ZIF-40	uSATA-III
Form Factor	2.5"	2.5"	1.8"	1.8"	1.8" uSATA
Capacities	32GB-256GB	16GB – 256GB	16GB – 256GB	16GB – 256GB	32GB – 512GB
Read/Write (MB/s)	250/170	130/120	130/120	125/110	500/400
Dimensions (mm)	69.9 x 100.0 x 9.5	69.9 x 100.0 x 9.5	52.0 x 70.0 x 5.1	52.0 x 70.0 x 5.1	54.0 x 78.5 x 5.0
Part Number	FTMxxG825x	FExxxxMD2x	FEUxxxMD1X	FZxxxGF18x	FTRxxxMU1x

DISCLAIMER: Actual usable memory capacity may vary. 1MB equals 1 million bytes; 1GB equals 1 billion bytes.

Solid State Drives - Embedded

Flash Disk Modules

Super Talent's line of SSDs also extends to small form factor systems. NAND Flash based Flash Disk Modules (FDMs) are well suited for a wide range of industrial and embedded computing applications. Laptops, surveillance equipment, medical instruments, and even point-of-sale terminals utilize these solutions every day.

Specification	M.2 PCIe SSD DX3	M.2 PCIe SSD DX2	NGFF DX3
			
Interface	PCIe Gen3 x4	PCIe	SATA-III
Form Factor	NGFF (M.2)	NGFF (M.2)	NGFF (M.2)
Capacities	120GB – 480GB	32GB – 256GB	240GB – 480GB
Read/Write (MB/s)	2500/720	550/320	480/400
Dimensions (mm)	22.0 x 80.0 x 3.5	22.0 x 80.0 x 3.5	22.0 x 80.0 x 3.5
Part Number	FPGxxxPSR7	FNxxxxJ5RM	FNxxxxMMRM

Specification	NGFF DX2	NGFF ST3	NGFF ST2	7-pin SATA FDM SJ2
				
Interface	SATA-III	SATA-III	SATA-II	SATA-III
Form Factor	NGFF (M.2)	NGFF (M.2)	NGFF (M.2)	SATA 7-pin
Capacities	32GB – 256GB	32GB – 128GB	8GB – 128GB	8GB – 128GB
Read/Write (MB/s)	480/400	480/200	300/100	300/100
Dimensions (mm)	22.0 x 80.0 x 3.5	22.0 x 42.0 x 3.5	22.0 x 42.0 x 3.5	52.0 x 38.5 x 7.5
Part Number	FNxxxxMURx	FNxxxxMURx	FNxxxxMURx	FNxxxxMURx

Specification	7-pin SATA DOM SJ2	22-pin SATA SJ2 Horizontal	SATA Slim SJ2	PCIe FDM DX1
				
Interface	SATA-III	SATA-III	SATA-III	PCIe x1 (Gen2)
Form Factor	SATA 7-pin	SATA 22-pin	SATA 22-pin	PCIe
Capacities	8GB – 64GB	4GB – 64GB	8GB – 128GB	64GB – 256GB
Read/Write (MB/s)	300/100	300/100	480/400	400/200
Dimensions (mm)	43.0 x 23.0 x 7.6	55.2 x 30.0 x 10.6	54.0 x 39.8 x 4.0	56.0 x 57.75 x 4.5
Part Number	FDVxxxJPRM	FFxxxxJPRM	FMxxxxMURM	FP1xxxJ3RM

Solid State Drives - Embedded

IDE Flash Disk Modules

Super Talent's line of SSDs also extends to small form factor systems. NAND Flash based IDE Flash Disk Modules (FDMs) are well suited for a wide range of industrial and embedded computing applications. Laptops, surveillance equipment, medical instruments and even point-of-sale terminals utilize these solutions every day. The industry standard IDE connector plugs directly into a motherboard using a 40 or 44-pin IDE connector and uses a 5V power input.

Specification	40-pin IDE Vertical	40-pin IDE Horizontal	44-pin IDE Vertical	44-pin IDE Horizontal
				
Interface	IDE/PATA	IDE/PATA	IDE/PATA	IDE/PATA
Form Factor	FDM	FDM	FDM	FDM
Capacities	8GB – 128GB	8GB-128GB	8GB-128GB	8GB-128GB
Read/Write (MB/s)	130/120	130/120	130/120	130/120
Dimensions (mm)	58.2 x 28.9 x 6.7	51.3 x 31.3 x 7.5	56.0 x 29.0 x 6.7	47.8 x 29.0 x 7.2
Part Number	FExxxxMDRM	FExxxxMDRM	FExxxxMDRM	FExxxxMDRM

DISCLAIMER: Actual usable memory capacity may vary. 1MB equals 1 million bytes; 1GB equals 1 billion bytes.



Embedded

Mobile Computing

- Perfect for high performance mobile computing
- SATA and PCIe interface SSDs based on the M.2 form factor
- DX3 features an internal cache to further speed up application load times

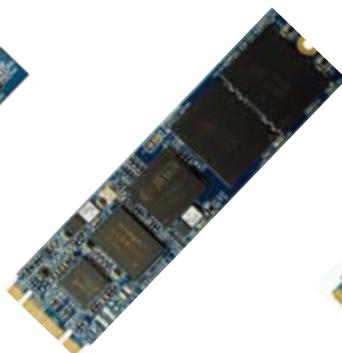


Super Talent's mobile computing line features small form factor storage for embedded applications. These NAND flash memory devices are ideal for use in medical equipment, point-of-sale terminals, and mobile devices.

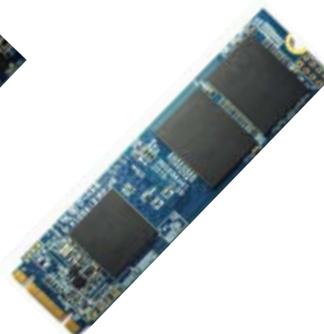
Super Talent flash memory devices have high reliability and performance for storage media. They consume less power while being able to provide sufficient storage space to load an OS and serve as a bootable drive. Like all Super Talent products, these are built with high quality components to guarantee quality.



M.2 PCIe SSD DX3



M.2 PCIe SSD DX2



NGFF DX3



NGFF ST3

USB 3.1

Portable RAIDDrive

Back up and carry large files on a portable USB RAIDDrive with incredibly fast transfer speeds.



The USB 3.1 Portable RAIDDrive takes advantage of the increased bandwidth of the USB 3.1 interface to offer speeds of up to 700/650 MB/s read writes to a portable storage device. It can easily transfer large files within a matter of seconds and comes in capacities of up to 1TB.



Features

- Read up to 700 MB/s, Write up to 650 MB/s
- Capacities from 128 GB to 1TB
- Very high performance pocket-sized storage device
- Backwards compatible with USB 3.0 and 2.0
- 4 Channels
- Dimensions: 115.0 x 63.34 x 8.0mm

*Some devices may not support removable storage, please check with the product manufacturer first.

Super Talent's USB 3.0 collection focuses on high-quality, speedy devices. With many of the USBs featuring multiple channels of flash, this series is filled with lightning fast drives.



USB 3.0 Data★Retainer

Ensure files that are saved on a USB do not deteriorate over time! Maintain your USB drive's write endurance to prolong its life.

Features

- Acts as a standalone 8GB USB 3.0 drive
- Prevent data deterioration for up to one year
- Data is arranged and efficiently stored in flash to maximize retention



USB 3.0 Type-C Motile

Super Talent's USB Type-C Motile allows users to easily transfer files between devices that are limited by either a USB port or a Type-C port. Either end can be used to easily relocate files between devices.

Features

- USB 3.0 and USB Type-C dual end drive
- Easily transfer and store data with this device
- Compatible with all upcoming USB Type-C connections



STT Storage Enhancer/GNSD

Super Talent's Storage Enhancer is an amazing driver that extends the endurance of the SSD and improves the data transfer rate within the whole system. Codenamed "GNSD", it supports multiple versions of Microsoft Windows operating systems.

PCmark7 Test

	Typical SSD	Competitor's software	STT's GNSD
Secondary Storage Score	2,325	6,031	6,537
Raw Secondary Storage Score	616	16,185	82,928

STT USB Drives - USB 3.0 Series



Express Dram★Disk

The USB 3.0 Dram★Disk™ is an ideal drive for anyone seeking a speedy drive with great performance. Software is included.

Features

- Plug & play
- Extremely Fast Speeds
- Ideal for Creative Professionals



Express Motile

USB 3.0 Express Motile combines USB 3.0 and microUSB technology into a single compact portable connector. Transferring data between a portable device and an USB is easy with the USB 3.0 Express Motile!

Features

- USB 3.0, microUSB interfaces
- Compatible with many portable devices
- Able to transfer and store data on the device



Express RC4

The USB 3.0 Express RC4 is an ultimate combination of speedy performance, price, and usability. The RC4's boot time is incredibly quick to deliver the best performance experience for the user.

Features

- Certified for Windows To Go
- 4-channel flash architecture
- Supports employee workforce deployments



SuperCrypt & SuperCrypt Pro

The SuperCrypt drives show an Access Point with a 32MB drive size when plugged in and is the only partition viewable if now password is entered.

Features

- Capacities up to 256GB
- Hardware encryption (128-bit ECB, Pro: 256-bit XTS)
- USB 3.0 speeds



DataGuardian

The affordable and easy-to-use USB 3.0 DataGuardian features built-in password protection to help keep your files and private data secure, even if the drive is lost or stolen.

Features

- Built in password protection - no extra downloads or installations necessary
- Stops auto-run malware attacks
- ECC and bad block management



Express ST1 Series

The ST1 is available in three different enclosure designs, all with one channel of flash.

Features

- Capacities up to 256GB
- Able to handle large files
- Backwards compatible with USB 2.0

STT USB Drives - Pico Series

USB 3.0 Pico Series

Amazingly small in size, the USB 3.0 Pico packs an incredible amount of capacity into its compact, stylish casing. The USB 3.0 Pico drive is great for storing data, digital images, and videos. The design includes a space for attaching a keychain, lanyard, necklace chain, or other accessory. Water resistant and backwards compatible with USB 2.0, the USB 3.0 Pico is perfect for those seeking a versatile flash drive.



Features

- Convenient, small size
- Water resistant
- Compatible with USB 3.0 and USB 2.0
- Sturdy and stylish aluminum casing



Capacity	Part Number
16GB	ST3U16PICO
32GB	ST3U32PICO
64GB	ST3U64PICO

- Capacity: 16GB - 64GB
- Dimension: 33 X 12.3 X 4.6 mm
- Read: 72MB/s, Write: 28MB/s

Pico Series - *World's smallest 128GB USB Drive...*

Pico series USB drives are incredibly small and stylish flash drives offered in 4GB to 128GB capacities. You can easily attach it to your keychain and take your files with you wherever you go or plug it into a USB enabled car stereo and enjoy your music. Pico drives are water resistant too.

Pico A
Swivel Lid
38.7 x 12.4 x 3.9mm



Pico C
Ultra Small Capless
31.6 x 12.5 x 3.6mm



Pico C Gold
Ultra Small Capless
31.6 x 12.5 x 3.6mm



Pico C Nickel
Ultra Small Capless
31.6 x 12.5 x 3.6mm



Pico E
Sliding lid
34.8 x 15.8 x 5.2mm



Pico E Gold
Sliding lid
34.8 x 15.8 x 5.2mm



	4GB	8GB	16GB	32GB	64GB	128GB
A	STU4GPAS	STU8GPAS	STU16GPAS			
C	STU4GPCS	STU8GPCS	STU16GPCS		STU64GPCS	STU128GPCS
C Gold	STU4GPCG	STU8GPCG	STU16GPCG	STU32GPCG	STU64GPCG	STU128GPCG
C Nickel	STU4GPCN	STU8GPCN	STU16GPCN	STU32GPCN	STU64GPCN	
E	STU4GPES	STU8GPES	STU16GPES			
E Gold	STU4GPEG	STU8GPEG	STU16GPEG	STU32GPEG		

STT USB Drives - USB 2.0 Series

Pico mini USB Drives

Pico mini drives are amazingly small USB drives that weigh only a few grams, but can hold up to 4,000 songs. Pico mini drives are water resistant, colorful and trendy, and are offered in capacities of up to 64GB.

Pico mini A

Dimension: 31.8 x 15.0 x 3.2 mm



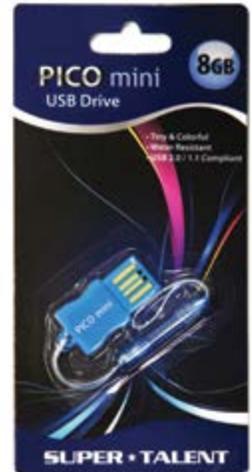
Pico mini B

Dimension: 30.5 x 15.4 x 3.4 mm



Pico mini C

Dimension: 31 x 16.2 x 5.2 mm



Capacity	Pico mini A	Pico mini B	Pico mini C
4GB	STU4GMAG (Green)	STU4GMBG (Green)	STU4GMCK
8GB	STU8GMAB (Blue)	STU8GMBB (Blue)	STU8GMCK
16GB	STU16GMAK (Black)	STU16GMBK (Gray)	STU16GMCK
32GB	-	-	STU32GMCK
64GB	-	-	STU64GMCK

USB Flash Drives *Elite Series, Eco Series*



Pico Motile

Capacity: 16GB - 64GB
Dimension: 27.0 x 15.0 x 6.3 mm

Capacity	Pico Motile
16GB	STU16PICM
32GB	STU32PICM
64GB	STU64PICM



M1

Capacity: 4GB - 16GB
Dimension: 22.6 x 14.9 x 8.5mm

Capacity	M1
4GB	STU4GM1W
8GB	STU8GM1W
16GB	STU16GM1W



CKB

Capacity: 4GB - 64GB
Dimension: 40 x 25.9 x 3.7mm

Capacity	Silver	Nickel
4GB	STU4GCKBS	STU4GCKBN
8GB	STU8GCKBS	STU8GCKBN
16GB	STU16GCKBS	STU16GCKBN
32GB	STU32GCKBS	STU32GCKBN
64GB	STU64GCKBS	STU64GCKBN



RM

Capacity: 4GB - 64GB
Dimension: 57.6 x 19 x 10.4 mm

Capacity	Black	Blue	Red	White
4GB	STU4GRMBK	STU4GRMBL	STU4GRMRR	STU4GRMRW
8GB	STU8GRMBK	STU8GRMBL	STU8GRMRR	STU8GRMRW
16GB	STU16GRMBK	STU16GRMBL	STU16GRMRR	STU16GRMRW
32GB	STU32GRMBK	STU32GRMBL	STU32GRMRR	STU32GRMRW
64GB	STU64GRMBK	STU64GRMBL	STU64GRMRR	STU64GRMRW



RM2

Capacity: 4GB - 64GB
Dimension: 61 x 19 x 11.6 mm

Capacity	Black	Blue	Red	White
4GB	STU4GRM2-K	STU4GRM2-B	STU4GRM2-R	STU4GRM2-W
8GB	STU8GRM2-K	STU8GRM2-B	STU8GRM2-R	STU8GRM2-W
16GB	STU16GRM2-K	STU16GRM2-B	STU16GRM2-R	STU16GRM2-W
32GB	STU32GRM2-K	STU32GRM2-B	STU32GRM2-R	STU32GRM2-W
64GB	STU64GRM2-K	STU64GRM2-B	STU64GRM2-R	STU64GRM2-W

To see more USB series, please visit www.supertalent.com

Custom USB Drives Your logo on it!

We specialize in custom services for USB drives including:

- Custom Logo Printing & Packaging
- Preloaded Software
- Auto-play feature
- Custom Casing Color or Casing Design.
- AES-256 Encryption Options



Get Quote

Super Talent manufactures a wide variety of USB flash drive styles, colors and capacities for you to customize. Promote your business with presentations and brochures or share your memories with videos and pictures! All our drives are USB 3.0 and USB 2.0 compliant, 100% tested and backed by our limited lifetime warranty providing you with the most reliable flash drives you can customize.

1.



2.



3.



We have developed a simple quote process that will help you find the USB drive that fits your needs. It's as easy as 1,2,3. Visit our website. http://www.supertalent.com/custom_usb.php

Custom USB Drives *Large selection of Custom USB Drives*

USB 3.0 Series

We now offer customizable drives with USB 3.0 speeds! With several color options and sleek design, the USB 3.0 collection is ready for your personalized logo or text.



Swivel Series

The Swivel Series features several variations on the well-known swivel USB design.



Traditional Case Series

This collection puts a spin on the traditional USB case designs by offering a plethora of housing shapes and materials.



Rubber Series

Extremely customizable, the Rubber Series allows you to pick one of the many designs we offer or submit your own!



Choose a USB drive from our extensive collection...

Flash Media Cards



• CFast Pro

CFast Pro cards are a 4x improvement in speed over the fastest 600x CF cards. With that kind of speed, photo and video capturing and download times are dramatically reduced. The CFast Pro card is great for use in high definition digital SLR and video cameras.



Capacities: 8GB, 16GB, 32GB, 64GB, 128GB, 256GB

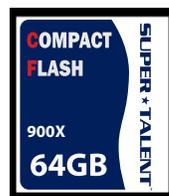
Speeds:
Up to 480 MB/sec read, Up to 240 MB/sec write

Technical Details:

- Flash type: MLC
- Dimensions (approx.): 36.4x42.8x3.3mm
- SATA III interface

• High Speed CF Cards

Fast and reliable, CF cards can be used in digital SLR cameras, digital video camcorders, as well as industrial applications.



Capacities: 2GB, 4GB, 8GB, 16GB, 32GB, 64GB

Speeds: 900x, 300x

Technical Details:

- Impact resistant - operating shock rating of 2,000Gs
- Power requirements: 3.3V or 5.0V
- Supports ATA command set
- Dimensions (approx.): 42.8 x 36.4 x 3.3mm
- Weight: 13g (max)

• I-Temp CF Cards

Specifically designed for harsh operating conditions, Super Talent I-Temp CF cards are perfect for industrial applications and embedded systems.



Capacities: 2GB, 4GB, 8GB, 16GB, 32GB

Speeds: 900x, 300x

Technical Details:

- Impact resistant - operating shock rating of 2,000Gs
- Operating temperature: -40° to 85° C
- Power requirements: 3.3V or 5.0V
- Supports ATA command set
- Dimensions (approx.): 42.8 x 36.4 x 3.3mm
- Weight: 13g (max)



MicroSD Cards - Class 10 / U1



About four times smaller than the average SD card, the MicroSD card is primarily used with mobile handsets, the MicroSD Card also is supported by a variety of hand-held GPS devices, portable audio players, video game consoles and expandable USB flash memory drives.

Capacities: 4GB, 8GB, 16GB, 32GB, 64GB, 128GB

- Technical Details:**
- Power requirements: 2.7V to 3.6V
 - Operating temperature: -25° to 85° C
 - Dimensions (approx.): 11mm x 15mm x 1mm
 - Weight: 0.5g
 - Optional SD adapter for use in SD devices

*2GB capacities are non-speed rated

**Approximations: results will vary based on file size, resolution, compression, bit rate, content, host device, pre-loaded files, and other factors.

DDR4 Memory

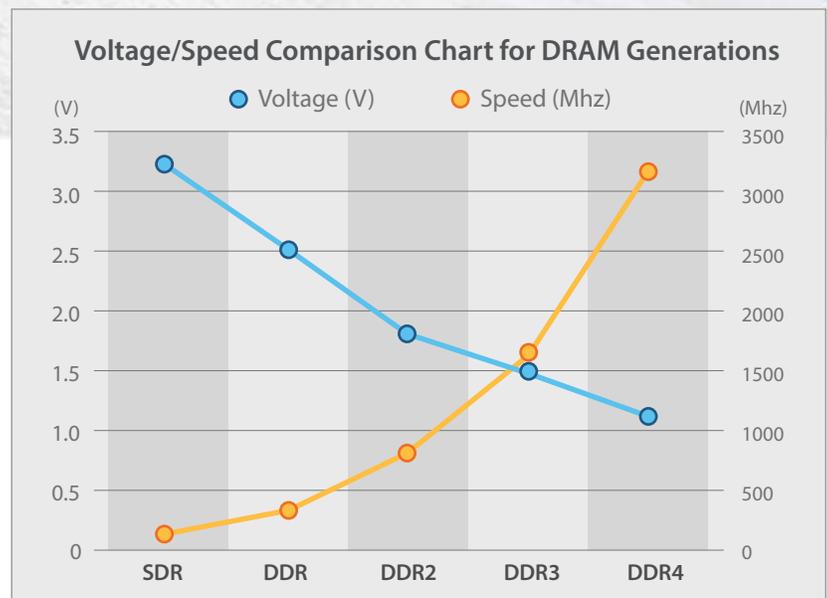
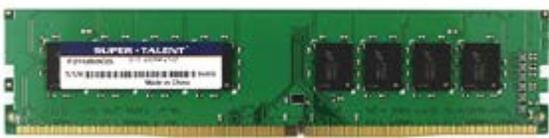
DDR4 DRAM is the next generation of DRAM which delivers speeds up to double that of the previous generation DDR3 DRAM. It consumes 20% less power, offers increased module density with 288-pin count, and has a significant bandwidth increase.



- Double the speed of previous generation DDR3 DRAM
- 20% less power consumption and increased module density

DDR4 ECC UDIMM, UDIMM, LRDIMM, RDIMM, SODIMM

- Capacities: 4 GB - 64 GB
- Voltage Support: 1.2V
- Speeds: 1866, 2133, 2400, 2666, 2800Mhz



*This graph depicts how each generation of DRAM brings an improvement in performance while efficiently using resources.

DRAM Modules - Products

Server Memory

Super Talent server memory is designed to be fully compliant with JEDEC specifications to deliver ultimate reliability. Super Talent ensures compatibility with the latest server motherboards through extensive testing by the Super Talent engineering team.



DDR3 ECC Registered

Capacities: 1, 2, 4, 8, 16, & 32GB
Voltage support: 1.35V, 1.5V
Speeds: 1066, 1333, & 1600MHz
*VLP option available

DDR3 ECC UDIMM

Capacities: 1, 2, 4, & 8GB
Voltage support: 1.35V, 1.5V
Speeds: 1066, 1333, & 1600MHz
*VLP option available

DDR2 ECC Registered

Capacities: 256MB – 4GB
Voltage support: 1.8V
Speeds: 400, 533, 667, & 800MHz
*VLP option available

DDR ECC Registered

Capacities: 128MB – 2GB
Voltage support: 2.5V
Speeds: 266, 333, & 400MHz
*Dual Channel kits available

Network/ μ Server/ Mini-Server Memory

Super Talent ensures compatibility with the latest hardware through extensive testing by the Super Talent engineering team. A wide selection of modules is available to choose from to suit small server needs.



DDR3 Mini-DIMM

Capacities: 2, 4, & 8GB
Voltage support: 1.35V, 1.5V
Speeds: 1066, 1333, & 1600MHz
*Registered or ECC unbuffered DIMMs



DDR3 SO-DIMM

Capacities: 1, 2, 4, & 8GB
Voltage support: 1.35V, 1.5V
Speeds: 1066, 1333, 1600MHz
*Registered or ECC unbuffered DIMMs

Desktop Memory

Super Talent desktop memory is fully compliant with industry standards to ensure compatibility with motherboards and OEM systems.



DDR3 UDIMM

Capacities: 1, 2, 4, 6, & 8GB
Voltage support: 1.35V, 1.5V
Speeds: 1066, 1333, 1600MHz
*Dual, Triple, and Quad Channel kits available



DDR3 SO-DIMM

Capacities: 1, 2, 4, & 8GB
Voltage support: 1.35V, 1.5V
Speeds: 1066, 1333, 1600MHz

Apple® Compatible Memory

Super Talent memory modules are designed for 100% compatibility with the latest Mac computers. As an Apple Validation Partner, Super Talent tests its memory on all the leading Apple systems in Apple's validation labs.



DDR3 SO-DIMM

(for Mac Mini, MacBook Pro, & iMac)
Capacities: 1, 2, 4, & 8GB
Voltage support: 1.35V, 1.5V
Speeds: 1066, 1333, 1600MHz
*Certified in Apple Compatibility Labs

DDR3 ECC UDIMM

(for Mac Pro)
Capacities: 1, 2, 4, & 8GB
Voltage support: 1.5V
Speeds: 1066 & 1333MHz
*Certified in Apple Compatibility Labs

Green Memory

Do more with less.

- Uses nearly 40% less PCB material than a standard-height module
- Requires less cooling
- Fully JEDEC compliant and 100% tested
- Low Voltage (1.35V)



VLP memory (left) vs. standard memory (right)



Leading studies suggest that the explosive growth in computing power has been matched by growing power demands and cooling costs. Experts predict that power-related costs of data centers will soon be greater than the cost of IT equipment itself. This led us to create a line of green memory that uses fewer raw materials, consumes less energy, and requires less cooling, with absolutely no tradeoffs in performance or price. When multiplied by the hundreds of thousands of memory modules we produce monthly, this has an enormous environmental impact.

Our selection of Green Memory includes:

- DDR2 & DDR3 modules
- Energy saving 1.35V DDR3 DIMMs (backward compatible in 1.5V systems)
- Very Low Profile modules (0.72"/0.74" tall) perfect for blade systems
- Support for speeds of 800MHz – 1600MHz (DDR3) and 400MHz – 800MHz (DDR2)
- Densities up to 8GB (DDR3) and 4GB (DDR2)

VLP DDR3 RDIMM



VLP DDR3 SODIMM



VLP DDR3 ECC UDIMM



VLP DDR2 RDIMM



Super Talent - OEM Solution Provider

Headquartered in the heart of Silicon Valley, Super Talent provides OEM Customers a competitive advantage by enabling them to outsource the design, layout, manufacturing and qualification processes. Our ultimate goal is to provide innovative solutions, decrease your time to market and reduce costs.



Design

Super Talent designs are produced by a talented team of Silicon Valley engineers to satisfy most customers' data storage needs.



Manufacturing

Super Talent uses state-of-the-art ISO 9001 certified technical equipment and leading-edge components to manufacture its memory products.



Testing

All Super Talent products are rigorously tested for quality within our own labs and then tested and approved by top motherboard manufacturers and other industry partners to assure compatibility.



Logistics

Super Talent logistic services are very flexible to meet various customer needs that include retail and bulk packaging, procurement, inventory management, transportation, and more.

SUPER TALENT LOCATIONS INCLUDE:

- San Jose
- Los Angeles
- Chicago
- New Jersey
- Georgia
- Miami
- Brazil
- Europe
- Shenzhen
- Wuhan
- Taiwan
- Hong Kong
- Japan
- Mexico

- ⊗ Headquarters
- Sales Representative
- ⊙ Sales, Warehouse
- ◇ Sales, Purchasing
- Factory



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